

Dell OptiPlex SX280

The OptiPlex™ SX280 desktop PC
is designed from the ground up
to offer the ultimate in
flexibility, stability, and
price/performance—all in an ultra
small chassis packed with the
latest relevant technologies.



Ultra Small

The SX280 is almost 50% smaller than the OptiPlex GX280 Small Form Factor chassis¹ while harnessing powerful technologies like desktop Serial ATA hard drives. The SX280 can be installed in many orientations using the optional installation brackets and is great for space constrained environments found in hospitals, retail, call centers, and schools. For additional space savings, Dell offers virtual "all-in-one" flat panel solutions that enable the SX280 to be installed on the back of a Dell UltraSharp™ 17" or Dell E152 15" flat panel. The SX280 and a Dell flat panel solution offer valuable space-saving benefits without the limitations of fixed configuration "all-in-one" PCs.

A New Level of System Performance and Headroom

The SX280 is designed to increase productivity in your organization by providing up to a 5X system performance improvement⁴ over four-year old legacy Dell systems and maximizing investment protection with the implementation of the latest relevant technology.

The SX280 features the next generation Intel® 915G Express chipset and the Intel® Pentium® 4 800MHz FSB processors with 1MB L2 cache supporting Hyper-Threading Technology as well as integrated DVI, a PCI-Express Gigabit² network connection, and dual channel DDR2 shared³ memory.

The SX280 incorporates innovative new features and interfaces into the desktop PC market that is designed to improve system productivity for corporate clients.

- **Dual Channel DDR2 Shared³ Memory:** Next generation memory technology that helps extend your desktop lifecycle.
- **PCI Express:** New desktop interface for graphics, networking and I/O. Fast, easily scalable, physically compact, point-to-point interface with significantly higher bandwidth than the legacy architectures.
- **DVI-I:** Supports both digital and analog video as well as optional dual monitor support via Y-adapter.
- **Desktop Serial ATA Hard drives:** SATA is designed to offer improved bandwidth that allows for faster and larger hard drives while using smaller cabling to allow better airflow and chassis cooling.
- **Latest Intel® Integrated Graphics:** Intel® Graphics Media Accelerator 900 delivers exceptional 2D, 3D, and multimedia performance for current and emerging business applications.

New Levels of Flexibility

The OptiPlex SX280 offers exceptional flexibility. The system features modular, hot-swappable media bay devices such as a CD-RW/DVD combo drive. With boot support for Dell USB memory keys, the system virtually eliminates the need for floppy drives. Dell also offers an optional USB wireless networking device that can be secured to the SX280 chassis.

Flexibility is further defined with cable management solutions that enhance security by locking down peripherals such as the keyboard, mouse, and monitor. Even further security can be achieved with an optional lock that helps secure the chassis cover and protect system components.

Easy To Manage

The OptiPlex 280 series offers stable system components that help assure customers of a stable image they can qualify once and deploy throughout the system's lifecycle. OptiPlex also offers optional Dell OpenManage™ client products designed to enable hardware and software components of an enterprise IT architecture to be more easily supported throughout their lifecycle.

Easy as **DELL**™

Visit www.dell.com for more information.

Dell OptiPlex SX280

SYSTEM

Processor	Intel® 915G Express chipset, Intel® Pentium® 4 processor with 800 MHz front side bus and Hyper-Threading and 1MB L2 cache or Celeron D® processor with 533 MHz front side bus and 256K L2 cache
Operating Systems	Microsoft® Windows® XP Professional, Microsoft® Windows® XP Home, Microsoft® Windows® 2000 Professional Dell recommends Microsoft® Windows® XP Professional
Memory	2 DIMM slots (SF Chassis only has two); Non-ECC dual channel shared ¹ DDR2 SDRAM system memory (400MHz) up to 2GB
Video Graphics Controller	Integrated Intel® Graphics Media Accelerator 900®
Hard Drive	40, 80, 160 and 250GB 7200RPM Serial ATA
EIDE Controller	Integrated ATA/100 Dual Channel, Bus Master EIDE Hard Drive Controller Integrated 2-channel Serial ATA Controller
Network Controller	Broadcom® Gigabit ² Network Connection with support for Remote Wake Up and Alert Standard Format (ASF 1.0)
Standard I/O Ports	Seven USB 2.0 (two front and five rear), one Ethernet (RJ45), one nine-pin serial (16550 compatible), one parallel (25-hole, bi-directional), 1 VGA out, stereo line-in (minijack), microphone-in (minijack-front), speakers/line-out (minijack) and headphone (minijack-front)

CHASSIS

Vertical Orientation (W x D x H)	Ultra Small Form Factor 3.5"(8.9CM) x 9.8"(25.2CM) x 10.3"(26.3CM)
Horizontal Orientation (W x D x H)	Ultra Small Form Factor 10.3"(26.3CM) x 9.8"(25.2CM) x 3.5"(8.9CM)
Chassis Weight	Ultra Small Form Factor ~ 10.5 lbs (~ 4.8kg),
Power Supply	External 220W Power Factor Correcting

PERIPHERALS

Monitors	15" E152FPb TFT Flat Panel (15.0" V.I.S.) 1024 x 768 (with All In One option) 15" E153FPb TFT Flat Panel (15.0" V.I.S.) 1024 x 768 (with All In One option) 17" E172FPb TFT Flat Panel (17.0" V.I.S.) 1280 x 1024 17" E173FPb TFT Flat Panel (17.0" V.I.S.) 1280 x 1024 15" UltraSharp™ 1504FP HAS TFT Flat Panel (15.0" V.I.S.) 1024 x 768 17" UltraSharp™ 1703FP TFT Flat Panel (17.0" V.I.S.) 1280 x 1024 (with All In One option) 17" UltraSharp™ 1704FP TFT Flat Panel (17.0" V.I.S.) 1280 x 1024 (with All In One option) 19" UltraSharp™ 1901FP TFT Flat Panel (19.0" V.I.S.) 1280 x 1024 20" UltraSharp™ 2001FP TFT Flat Panel (20.0" V.I.S.) 1600 x 1200 17" E773s/c (16.0" VIS) 17" E773p (16.0" VIS)-EMEA only 17" M783 (16.0" V.I.S.) 19" UltraScan M993 (17.9" V.I.S.)
Keyboard (105 Keys)	Dell Enhanced QuietKey™USB, Enhanced Performance USB, USB Smart Card keyboard
Mouse	Dell USB two-button and Dell USB optical two-button scroll (available with long or short cord)
Speakers	Internal Dell Business Audio speaker, Dell 215, Dell 425
Removable Media Storage Devices	USB Floppy Drive, CD-ROM, CD-RW/DVD Combo, DVD-ROM and DVD+RW ⁷
USB Storage Keys	Dell USB Memory Key 16MB8 and 64MB8, USB 2.0 full speed compliant and bootable
Standards	TC099, Green PC, Blue Angel, Energy Star, BSMI, C-TICK, CE, FCC, IRAM, NEMKO, NFPA 99, SABBS, SASO, TCO, TUV, UL, VCCI, USB 2.0

Base Service	Three-Year Limited Warranty ⁸ and Next Business Day On-Site ⁷ service (US Only)
Optional Service	Three-Year Same Day Four-Hour On-Site Response Service ⁷ , 5 days x 10 hours a day, Three-Year Same Day Four-Hour On-Site Response Service ⁷ , 7 days x 24 hours a day



1. OptiPlex Small Form Factor (SF) chassis volume is (643.5 in.3) vs. SX280 chassis volume (353.3 in.3)
2. This term does not connote an actual operating speed of 1Gb/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required
3. Up to 128MB of system memory may be allocated to support graphics, depending on system memory size and other factors.
4. Based on the Sysmark®Office Productivity and Ziff Davis® Content Creation 2004 benchmark test performed by Dell Labs in April 2004 on the OptiPlexSX280 with P4 3.2GHz CPU, 512MB RAM,120GB SATA HDD, WXP as compared with the OptiPlex SX110 configured with P3 700MHz, 128MB RAM, 40GB ATA66 HDD, WXP. Actual performance will vary based on configuration, usage and manufacturing variability.
5. For a copy of our guarantees or limited warranties, please write Dell USA L.P., Attn: Warranties, One Dell Way, Round Rock, TX 78682. For more information, visit http://www.dell.com/us/en/gen/misc/policy_010_policy.htm.
6. Service may be provided by third-party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.
7. Discs burned with this drive may not be compatible with some existing drives and players; using DVD+R media provides maximum compatibility.
8. For writeable storage devices, MB means 1 million bytes; total accessible capacity varies depending on operating environment.
Dell, OptiPlex, UltraSharp and QuietKey are trademarks of Dell Inc. Microsoft, Windows is a registered trademark of Microsoft Corporation. Intel, Pentium, Celeron and Hyper-Threading are registered trademarks of Intel Corporation.
Dell disclaims proprietary interest in the trademarks and names of others. © 2004 Dell Inc. All rights reserved.